

Certified Production Technician (CPT)

Aligned Program of Study: Machining Technology

Aligned Courses:

- Principles of Machining I (5929) – Safety Module
- Principles of Machining II (5923) – Quality Practices and Measurement Module
- Manufacturing Practicum (5926) – Manufacturing Processes & Production, and Maintenance Awareness

Description

CPT is an industry-led assessment and certification system. It targets the core skills and knowledge needed by the nation's front-line production workers. It is the only certification for front-line production workers that is accredited by the American National Standards Institute (ANSI) under ISO 17024. It is based on industry-defined and federally-endorsed standards. It offers both entry-level and skilled workers the opportunity to demonstrate that they have attained the skills needed for technology-intensive jobs of the 21st century. The Manufacturing Skill Standards Council (MSSC) will award five national credentials consisting of one certificate from each module plus the CPT Certificate to students who satisfactorily complete the four modules and MSSC assessments. The four modules are separated into the following critical production functions:

- Safety
- Quality Practices and Measurement
- Manufacturing Processes and Production
- Maintenance Awareness
- Green Production (optional)

Materials and Resources

There are a variety of materials and resources found at the MSSC website <http://www.msscusa.org>

Test Owner and Registration

Manufacturing Skill Standards Council (MSSC)
901 North Washington Street, Ste. 600
Alexandria, VA 22314
Phone: (703) 739-9000
Email: info@msscusa.org

Registration and Testing Centers

1. Find a [local MSSC Assessment Center](#) near you with MSSC's [center locator](#) feature. Only MSSC Partner Schools can administer certification exams to students.
2. Download the CPT candidate Handbook [here](#). There is information on how to register for certification located within this document.

Fees

- Registration fee/student: \$28.00 one-time fee
- Modular assessments: \$22.00 each
- Modular course supplements: \$70.00 each

Exam Codes	Certified Production Technician (CPT)
Website	http://www.msscusa.org
Assessment	<p>Safety: The Safety assessment consists of 83 multiple choice questions. Candidates are allowed 90 minutes to complete the assessment.</p> <p>Quality Practices and Measurement: The Quality assessment consists of 84 multiple choice questions. Candidates are allowed 90 minutes to complete the assessment.</p> <p>Manufacturing Processes and Production: The Production assessment consists of 83 multiple choice questions. Candidates are allowed 90 minutes to complete the assessment.</p> <p>Maintenance Awareness: The Maintenance assessment consists of 86 multiple choice questions. Candidates are allowed 90 minutes to complete the assessment.</p> <p>Green Production: The Green assessment consists of 94 multiple choice questions. Candidates are allowed 90 minutes to complete the assessment.</p>
Passing Scores	<ul style="list-style-type: none"> • Safety is 76 percent (76%) • Quality Practices and Measurement is 75 percent (75%) • Manufacturing Processes and Production is 74 percent (74%) • Maintenance Awareness is 73 percent (73%) • Green production is 78 percent (78%)